

(12)

(21) 2 306 283

(51) Int. Cl.⁷: **B65D 081/32**

(22) 05.08.1999

(85) 07.04.2000

(86) PCT/DE99/02465

(87) WO00/09414

(30) 298 14 215.5 DE 12.08.1998

(71) KLOCKE VERPACKUNGS-SERVICE GMBH,
Max-Becker-Strasse 6
D-76356, WEINGARTEN, XX (DE).

(72) HUBER, HANS-PETER (DE).
RENNER, KLAUS (DE).
KLOCKE, HARTMUT (DE).

(74) MACRAE & CO.

(54) RECIPIENT MULTICHAMBRES

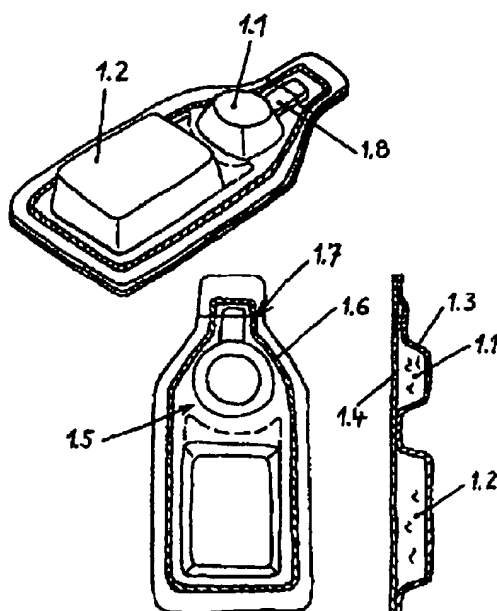
(54) MULTI-CHAMBER CONTAINER

(57)

The invention relates to a multi-chamber container comprising cups (1.1, 1.2) which are covered by a common covering film (1.4). The cups are separated from one another by a connecting element (1.5) on which the covering film is sealed in such a way that, when applying pressure on one of the cups, this cup is interconnected to one or more adjacent cups by removing the covering film from said connecting element. The sealing strength on the common edge, over which the covering film and cups are interconnected, is selected such that it is high enough to prevent the connection between the covering film and the cups from detaching in the edge area due to this pressure. This solution establishes many examples for application especially with respect to the type and composition of the media accommodated in one of the cups. This can concern the use of liquid media. Applicators of different types, especially of types which expand when moistened, can be accommodated in the cups so that the multi-chamber container can also, for example, be directly used for the transdermal application of liquid active substances.



(72) KLOCKE, HARTMUT, DE
(72) HUBER, HANS-PETER, DE
(72) RENNER, KLAUS, DE
(71) KLOCKE VERPACKUNGS-SERVICE GMBH, DE
(51) Int. Cl. ⁷ B65D 81/32
(30) 1998/08/12 (298 14 215.5) DE
(54) **RECIPIENT MULTICHAMBRES**
(54) **MULTI-CHAMBER CONTAINER**



(57) Un récipient multichambres comporte des cuvettes (1.1, 1.2) qui sont recouvertes par un film de recouvrement commun (1.4). Les cuvettes sont séparées les unes des autres au moyen d'une partie jointive (1.5), sur laquelle le film de recouvrement est appliqué par scellement, de telle manière que lors de l'application de pression sur l'une des cuvettes, la liaison entre cette cuvette et une ou plusieurs cuvettes adjacentes soit réalisée par décollement du film de recouvrement sur cette partie jointive. La valeur de la résistance au scellement sur le bord commun par l'intermédiaire duquel le film de recouvrement et les cuvettes sont reliés,

(57) The invention relates to a multi-chamber container comprising cups (1.1, 1.2) which are covered by a common covering film (1.4). The cups are separated from one another by a connecting element (1.5) on which the covering film is sealed in such a way that, when applying pressure on one of the cups, this cup is interconnected to one or more adjacent cups by removing the covering film from said connecting element. The sealing strength on the common edge, over which the covering film and cups are interconnected, is selected such that it is high enough to prevent the connection between the covering film and the cups from detaching





est choisie de manière à être suffisante pour que la liaison entre le film de recouvrement et les cuvettes dans la région marginale ne soit pas rompue par cette pression. La solution proposée par l'invention offre de nombreux exemples d'application, notamment en ce qui concerne le type et la configuration des substances logées dans les cuvettes. Il peut s'agir en l'occurrence de substances liquides, néanmoins des applicateurs des types les plus divers, notamment même ceux qui se dilatent une fois mouillés, peuvent également être logés dans l'une des cuvettes, de sorte que le récipient multichambres peut par exemple être utilisé également directement pour l'application transdermique de principes actifs liquides.

in the edge area due to this pressure. This solution establishes many examples for application especially with respect to the type and composition of the media accommodated in one of the cups. This can concern the use of liquid media. Applicators of different types, especially of types which expand when moistened, can be accommodated in the cups so that the multi-chamber container can also, for example, be directly used for the transdermal application of liquid active substances.

